BRUHATH BANGALORE MAHANAGARA PALIKE

DETAILED ESTIMATE FOR THE WORK OF PROVIDING AND INSTALLATION OF WATER SUPPLY PIPELINES TO EXISTING WATER SUPPLY NETWORK IN WARD NO.8,KODIGEHALLI.

Est. Cost Rs. 600000.00

Sl. No	Description	Unit	Dimensions				Qty.	Rate	Amount
			No	L.	B.	D			
1	KSRB 2-2-1 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.(Page No.5, Item No. 2.3) KPWD SR 2015-16								
	pipe line	Cu	1	869.00	0.45	0.45	175.97		
							175.97	192.24	33829.00
	Basic Rate			178.00					
	Area Wtg 8%			14.24					
	Net Rate			192.24					
2	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., compelte and giving necessary hydraluic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing) (Page no.53, Item no.1(3) BWSSB SR-2014-15)								
		Rmtr	1	869.00			**869.00**		
							3200.00	77.38	247616.00
	Basic Rate			77.38					
	Net Rate			77.38					
3	KSRB : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.(Page No.6 Item No. 2.11) KPWD SR-2015-16								
	Qty. vide item No. 32	Cu					175.97		
							175.97	77.76	13684.00
	Basic Rate			72.00					
	Area Wtg 8%			5.76					
	Net Rate			77.76					

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4 KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the water at OMC in machanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.MORTH specification No.406 (Page No.157, Item No.20.18)

	Cu	1	869.00	0.45	0.20	78.21	
					78.21	1713.96	134049.00

Basic Rate	1587.00
Area Wtg 8%	126.96
Net Rate	1713.96

ADMINISTRATIVE APPROVAL
Accorded For Rs. Six lakhs only
Head of A/c 78.21 1713.96 134049.00 P-1802
Div. Ref. No. 64/16-17 Date 14/12/16
AE EE(BTP) 14/12

5 KSRRB M500- 15. Providing, laying bituminous Concrete using 100/120 THP capacity H.M.P with Sensor paver Gr-II(30mm to 45mm), crushed aggregates of specified grading premixed with 6% CRMB 55 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with wheeled , vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.509 (Page No 164., I.No.21.23.2 of KPWD S.R 2015-16).

	Cu	1	869.00	0.45	0.030	11.73	
					11.73	9888.48	116007.00

Per Cum

Basic Rate	9156.00
Area Wtg 8%	732.48
Net Rate	9888.48

TECHNICAL SANCTION
Accorded For Rs. Six lakhs only
Head of A/c P-1802
Div. Ref. No. 78 14/12/16
AE EE(BTP) 14/12

	TOTAL	545185.00
6	Add 10% Q.C. Including KRIDL Charges	54518.50
7	Miscellaneous and unforseen cahrges	296.50
	NET TOTAL	600000.00

CERTIFICATE

1 The above Estimate has been prepared as per PWD Bangalore Circle Schedule of Rates 2015-16, Electrical SR 2014-15 and BWSSB SR 2014-15

2 Certify that the work spot has been inspected by his & prepared the estimate in most economical way of executing the work.

3 The Work Spot comes under BBMP Limits

4 This Estimate is prepared with Essential Provisions

Asst. Engineer
Ward No.8

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

Executive Engineer
Byatarayanapura Division
14/12